

|                                                                                                                                         |                                                                                                 |                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> | Attorney Docket No.                                                                             | 211707US0X                                        |
|                                                                                                                                         | First Inventor or Application Identifier                                                        | Bettina MOECKEL                                   |
|                                                                                                                                         | Title                                                                                           | NUCLEOTIDE SEQUENCES WHICH CODE FOR THE METY GENE |
|                                                                                                                                         | Assignee Name: DEGUSSA AG<br>Assignee Address: Bennigsenplatz 1, DE-40474, Duesseldorf, Germany |                                                   |

|                                                                                                                                                                                     |                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>APPLICATION ELEMENTS</b><br><small>See MPEP chapter 600 concerning utility patent application contents</small>                                                                   | <b>ADDRESS TO:</b> Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231                            |
| <b>1. Fee Transmittal Form (e.g. PTO/SB/17)</b><br>(Submit an original and a duplicate for fee processing)                                                                          | <b>ACCOMPANYING APPLICATION PARTS</b>                                                                                              |
| <input checked="" type="checkbox"/> Specification Total Sheets <b>46</b>                                                                                                            | 7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))                                                          |
| <input checked="" type="checkbox"/> Formal Drawing(s) (35 U.S.C. 113) Total Sheets <b>2</b>                                                                                         | 8. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76                                                     |
| <input type="checkbox"/> Oath or Declaration Total Pages <b>1</b>                                                                                                                   | 9. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney<br>(when there is an assignee) |
| a. <input type="checkbox"/> Newly executed (original or copy)                                                                                                                       | 10. <input type="checkbox"/> English Translation Document (if applicable)                                                          |
| b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. §1.63(d))<br>(for continuation / divisional w/ box 17 completed)                                               | 11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations      |
| i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b). | 12. <input type="checkbox"/> Preliminary Amendment                                                                                 |
| 5. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)                                                                                 | 13. <input checked="" type="checkbox"/> White Advance Serial No. Postcard                                                          |
| 6. <input checked="" type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)                                                              | 14. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)<br>(if foreign priority is claimed)                 |
| a. <input type="checkbox"/> Computer Readable Form (CRF)                                                                                                                            | 15. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27                                              |
| b. Specification or Sequence Listing on:                                                                                                                                            | 16. <input checked="" type="checkbox"/> Other: Request for Priority<br>List of Inventors' Names and Address                        |
| i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or                                                                                                                           |                                                                                                                                    |
| ii. <input checked="" type="checkbox"/> Paper                                                                                                                                       |                                                                                                                                    |
| c. <input type="checkbox"/> Statements verifying identity of above copies                                                                                                           |                                                                                                                                    |

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no.:  
Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:

☐ This application is a ☐ Continuation ☐ Division ☐ Continuation-in-part (CIP)  
of application Serial No. Filed on

☐ Which was published in English

☐ Which was not published in English

☒ This application claims priority of provisional application Serial No. 60/294,252 Filed May 31, 2001

**19. CORRESPONDENCE ADDRESS**

  
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|            |                                          |                   |                |
|------------|------------------------------------------|-------------------|----------------|
| Name:      | Norman F. Oblon                          | Registration No.: | 24,618         |
| Signature: | Corwin Paul Umbach<br>CORWIN PAUL UMBACH | Date:             | August 2, 2001 |
| Name:      | Robert W. Hahl                           | Registration No.: | 33,893         |

Docket No. 211707US0X

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Bettina MOECKEL et al

SERIAL NO: New Application

FILING DATE: Herewith

FOR: NUCLEOTIDE SEQUENCES WHICH CODE FOR THE METY GENE

FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

| FOR                                                                           | NUMBER<br>FILED | NUMBER<br>EXTRA | RATE      | CALCULATIONS |
|-------------------------------------------------------------------------------|-----------------|-----------------|-----------|--------------|
| TOTAL CLAIMS                                                                  | 49 - 20 =       | 29              | × \$18 =  | \$522.00     |
| INDEPENDENT CLAIMS                                                            | 6 - 3 =         | 3               | × \$80 =  | \$240.00     |
| <input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable) |                 |                 | + \$270 = | \$270.00     |
| <input checked="" type="checkbox"/> LATE FILING OF DECLARATION                |                 |                 | + \$130 = | \$130.00     |
| BASIC FEE                                                                     |                 |                 |           | \$710.00     |
| TOTAL OF ABOVE CALCULATIONS                                                   |                 |                 |           | \$1,872.00   |
| <input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY          |                 |                 |           | \$0.00       |
| <input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE                       |                 |                 | + \$130 = | \$0.00       |
| <input type="checkbox"/> RECORDATION OF ASSIGNMENT                            |                 |                 | + \$40 =  | \$0.00       |
| TOTAL                                                                         |                 |                 |           | \$1,872.00   |

Please charge Deposit Account No. 15-0030 in the amount of

A duplicate copy of this sheet is enclosed.

A check in the amount of **\$1,872.00** to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030.  
A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

*Corwin Paul Umbach*

*CORWIN PAUL UMBACH Reg No 40,211*

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Docket No. 211707US0X

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Bettina MOECKEL et al

FILING DATE: Herewith

FOR: NUCLEOTIDE SEQUENCES WHICH CODE FOR THE METY GENE

**LIST OF INVENTORS' NAMES AND ADDRESSES**

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Listed below are the names and addresses of the inventors for the above-identified patent application.

|                    |                                                      |
|--------------------|------------------------------------------------------|
| Bettina MOECKEL    | Benrodestrasse 35, DE-40597 Duesseldorf, Germany     |
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| Georg THIERBACH    | Gunststrasse 21, DE-33613 Bielefeld, Germany         |

A declaration containing all the necessary information will be submitted at a later date.



**22850**

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
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*Corwin Paul Umbach*  
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